

Specify the parameter set of a plurality of critical dimensions for a grating.

125
Compile a master library of grating profiles based on the parameter set.

130
Create the master library in an output device.

FIGURE 2B

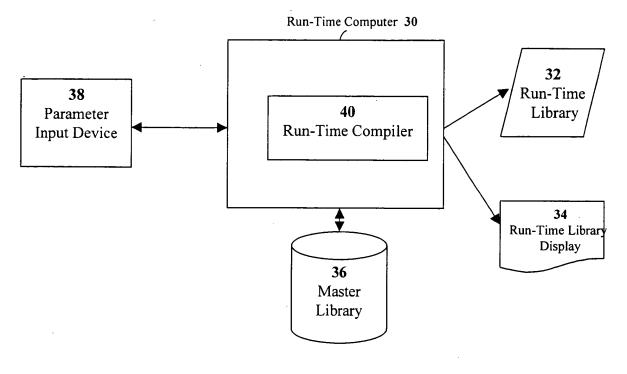


FIGURE 3A

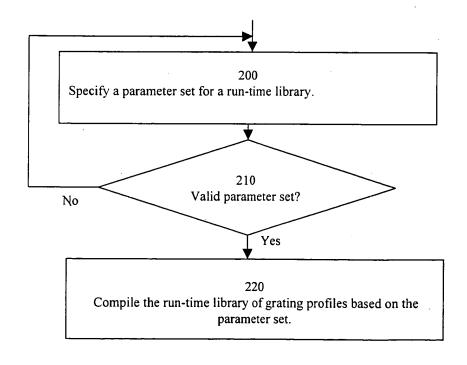


FIGURE 3B

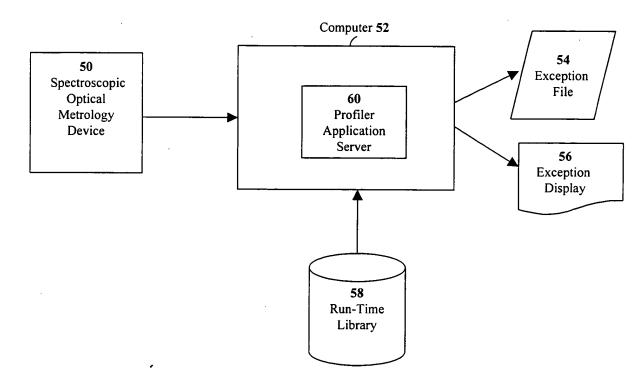
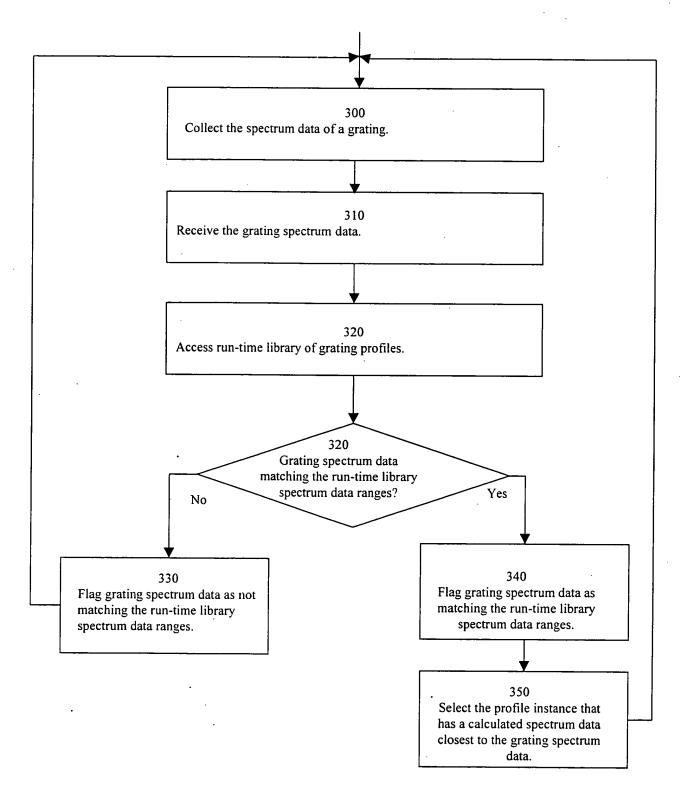


FIGURE 4



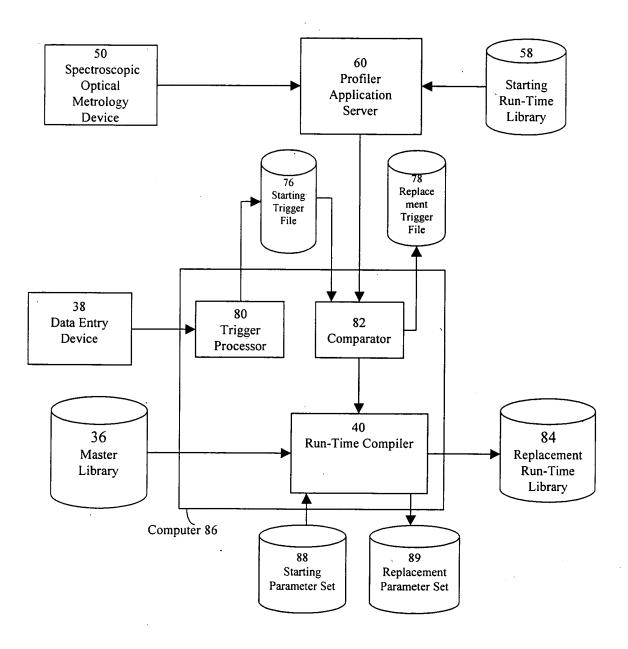


FIGURE 6

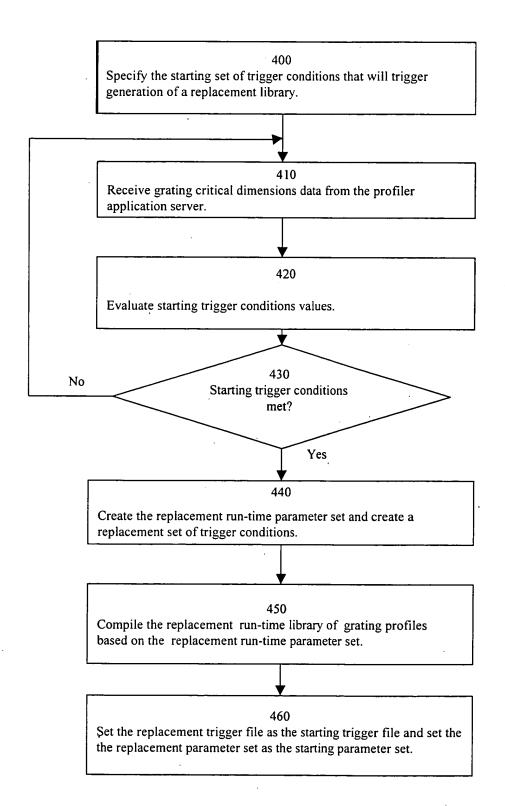


FIGURE 7

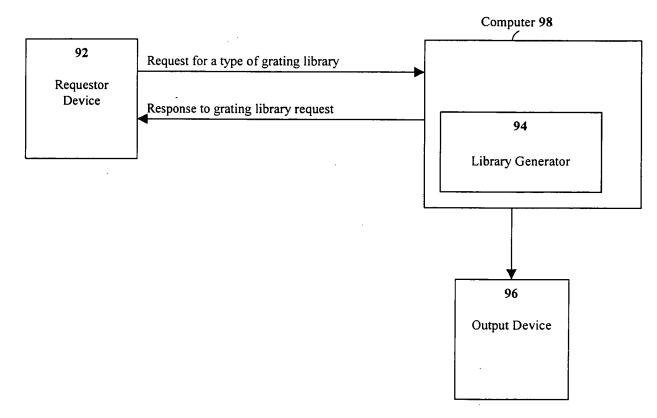
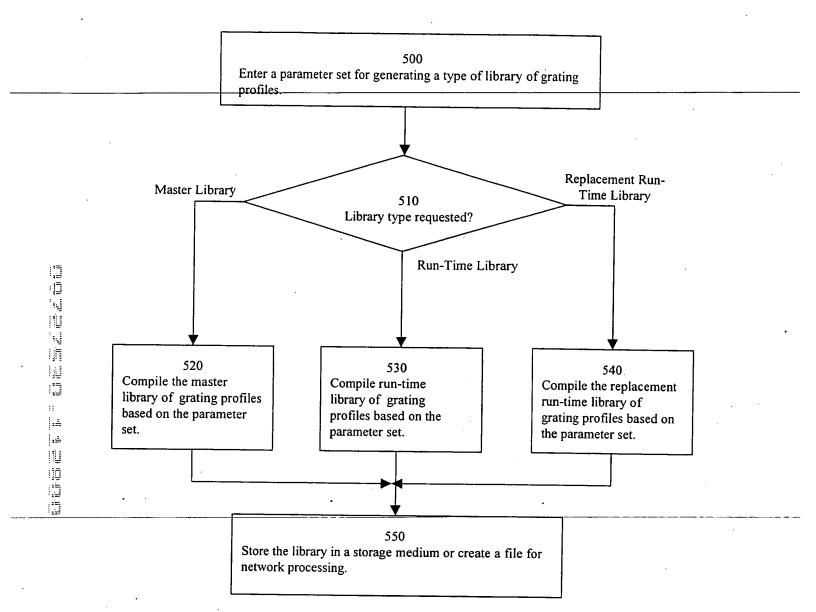
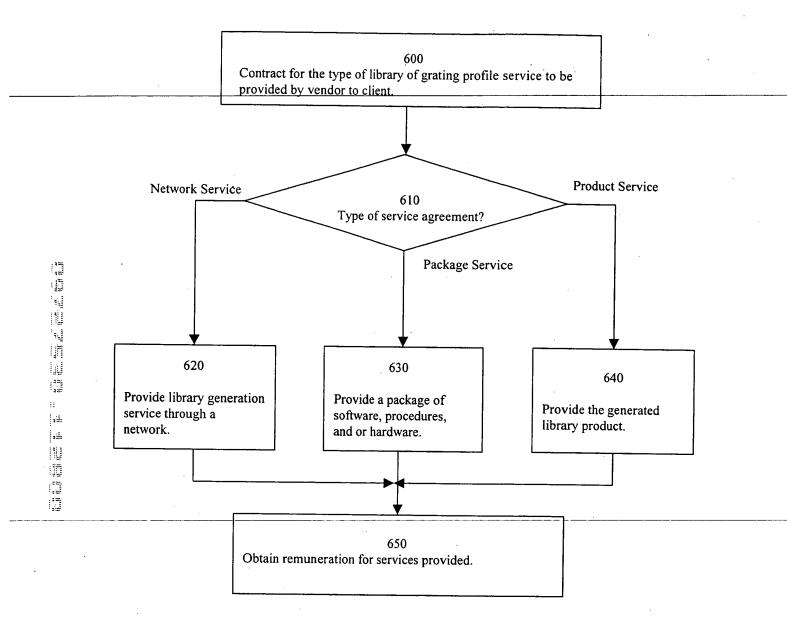


FIGURE 8





	Ita			
	Calculated Spectrum Data	3RARY	Calculated Spectrum Data	ZARY
	Underlying Thickness	11A - DATABASE ELEMENTS OF A GRATING PROFILE LIBRARY	Underlying Thickness	FIGURE 11B - DISPLAY ELEMENTS OF A GRATING PROFILE LIBRARY
	Grating Width at Inflection Point		Grating Width at Inflection Point	
	Percent Height at Inflection Point		Percent Height at Inflection Point	
	Grating Thickness		Grating Thickness	E 11B - DISPLA
	Grating Bottom CD	FIGURE	Grating Bottom CD	FIGUR
	Grating Top CD	•	Grating Top CD	